

weekly time switch Astro digital 230 V 16A 1-channel 2MW



Model	
Product brand name	SETRON
Product designation	Time-delay switch
Design of the product	Digital time switch Astro
Design of the switching function	CO contact
General technical data	
Manner of function	
• radio-controlled	No
• line-synchronous	Yes
• quartz-controlled	No
Accuracy / per day	0.1 s
Shortest switching time interval / of channel 1	1 s
Voltage	
Control voltage / at AC / rated value	
• minimum	195.5 V
• maximum	253 V
Overvoltage category / acc. to IEC 61010-1	III

Supply voltage

Supply voltage frequency	
• minimum	50 Hz
• maximum	60 Hz
Type of voltage / of the supply voltage	AC

Protection class

Protection class IP	IP20
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Switching capacity

Switching capacity current / at AC / at 250 V / Rated value	16 A
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Dissipation

Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	1 W
Operating voltage / at AC / rated value	250 V

Product details

Product feature	
• external switch input	Yes
• floating switching contact	Yes

Product function

Product function	
• 60 min time program	Yes
• Astro program	Yes
• Automatic daylight-saving adjustment	Yes
• Operating hours counter	Yes
• direct operation	Yes
• Holiday time program	Yes
• Impulse program	Yes
• annual time program	Yes
• Switching preselection	Yes
• 24-hour time program	Yes
• Text guidance in display	Yes
• Weekly time program	Yes
• Random time program	Yes
• Cyclical time program	Yes

Number

Number of terminals / with cross-head screw	1
Number of channels	1
Number of memory slots	56
Connectable conductor cross-section / in main circuit	
• for rigid conductor / minimum	1.5 mm ²

- for rigid conductor / maximum 4 mm²
- for flexible conductor / with core end processing / maximum 2.5 mm²

Mechanical Design

Height	83 mm
Width	36 mm
Depth	70 mm
Number of width units	2
Mounting type	DIN rail
Net weight	206 g

Environmental conditions

Ambient temperature	
• minimum permissible	-20 °C
• maximum permissible	55 °C
• during storage / minimum	-20 °C
• during storage / maximum	60 °C

Certificates

Reference code	
• acc. to DIN EN 61346-2	K
• acc. to DIN EN 81346-2	K

General Product Approval

Declaration of Conformity



Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7LF4531-0>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/7LF4531-0>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7LF4531-0

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>